iSkute

Balance Boards

User Manual

10 km/h

Charger included

2.5 hours Average run time*

1. Safe use of the iSkute Balance Board.

- Our company hopes all riders can safely operate the two-wheel iSkute Balance Board and enjoy the fun brought by this product. Basic skills of balance are required to enable users to enjoy using the iSkute Balance Board to a potential 10 kilometres per hour safely. Before initial use of the iSkute Balance Board, it is advised that consumers check both tyres for damage, flattening, or lack of air and if there are loose parts throughout the iSkute Balance Board itself.

- Please read the enclosed instruction manual completely before use. One will obtain important safety information, including speed limit, indicator light warnings, and safety shutdown to maximize safety and fun.

- Use of the iSkute Balance Board with intention to endanger one's self or another individual, as well as personal or private property is prohibited.

- Do not modify any part of iSkute Balance Board, this not only will affect the iSkute Balance Board device itself, reducing performance, but in some case may cause serious injury.

1.1 Rider weight limit

- There are two main reasons for weight limit restrictions.

    1. Ensure safety of rider.
    2. Reduce chances of the iSkute Balance Board being overloaded or subjected to excessive strain.

- iSkute Balance Board rider weight limit is 100 kg.

⚠WARNING **EXCEEDING WEIGHT LIMIT MAY CAUSE DANGER AND HARM TO RIDER**

1.2 Range

iSkute Balance Board Technology enables riders to travel for large distances per charge. Range varies depending on various factors:

- **TERRAIN:** On smooth flat ground, riding range increases, the contrary will reduce range distance.
- **WEIGHT:** As rider weight increases, the iSkute Balance Board uses more power to support gyro technology enabling riders to continue to travel at maximum speed within weight specifications. As rider weight increases, distance of iSkute Balance Board per full charge decreases.
- **ENVIRONMENT TEMPERATURE:** Under recommended temperature range (see later section of manual) the iSkute Balance Board with perform to its fullest. Using the iSkute Balance Board outside of these temperatures will decrease the boards top speed and range.
- **MAINTENANCE:** Reasonable charging and maintenance of the battery will increase range. If the iSkute Balance Board is not maintained the overall distance per charge may be seen to decrease over the duration of the iSkute Balance Board's durable lifespan.
- **SPEED AND DRIVING STYLE:** Like a car, driving style will help to increase the the boards range between charges and overal product lifespan. Maximum speed, sudden changes in direction, quick accelerations and decelerations will reduce the range between charges and overal product lifespan.

1.3 The speed limit

- The maximum speed of the iSkute Balance Board is 10 km/per hour.
- When the rider exceeds 10kph, the iSkute Balance Board will send out a buzzer alarm from the center console of the unit. This beeping will continue until speed comes back to suggester range (0-7kph).
- When rider exceeds speed limit of the unit, the rider may feel a failure in balance increasing the changes of injury.
- Please do not try to ride the iSkute Balance Board past its limits. Riders may fall and injure themselves doing this.

2. Riding the iSkute Balance Board

It's important to have a good understanding of all the boards operations before use to ensure safe usage and extended product life.

2.1 iSkute Balance Board Step-By-Step

Step 1. Locate the circular button on the front side of the iSkute Balance Board unit. This button is next to the iSkute Balance Board charge port and is approximately the size of a penny. Press this button once to start the intelligent two-wheel iSkute Balance Board.

Step 2. Ensure that light on centre console platform is **GREEN**.

Step 3. Hover one foot over one of the two feet platforms as other foot is planted on the ground. In one motion, apply pressure to hovered foot and proceed to bring other foot from the ground onto the iSkute Balance Board (Make sure to keep your first foot level before bringing up the second).

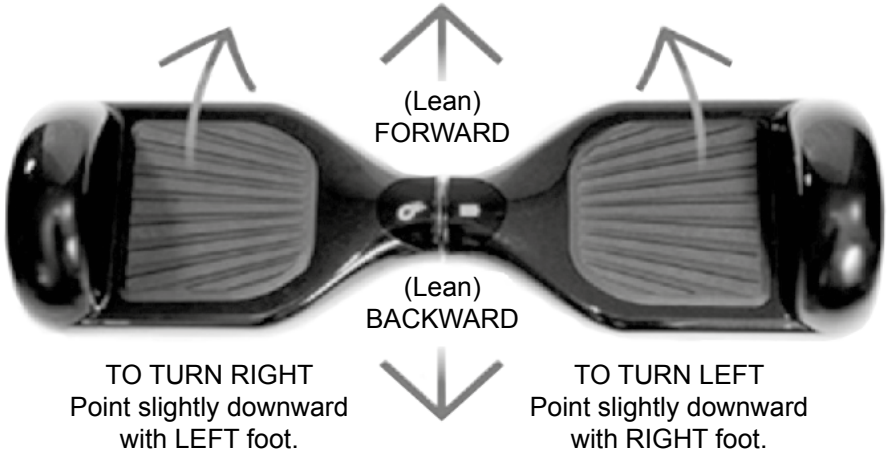
Step 4. **OBTAIN BALANCE SAFELY**.

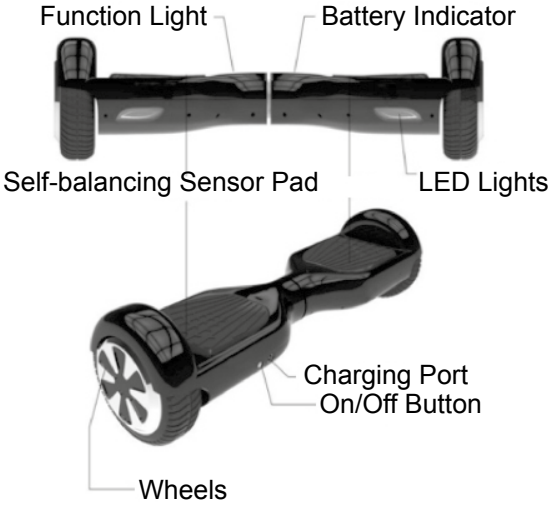
Step 5. Once both feet are on and pressure is being applied throughout the device, the two gyros are designed to start reading rider input and react to their movements.

Step 6. Once centre of gravity is obtained, the device will remain in a stationary position. If forward pressure is applied (on the front of one's' feet) the board will move forward to bring the riders centre of gravity back up and regain balance. Vice versa, if rider applies pressure backwards (on heels of feet) then the board will move backwards to bring the riders centre of gravity back up and regain balance.

Step 7. Apply pressure primarily on one of the two feet to turn. Applying pressure primarily to the toes of the left foot will turn the device counter clockwise. Applying pressure primarily to the toes of the right foot will turn the device clockwise motion. It is not a sway of the hip turning motion, just a pressure application and manipulation of body position.

Step 8. When departing from the device, users must take caution and **NOT JUMP OFF THE DEVICE**. To get off, the rider must remove one foot from the device and plant it safely on the ground. In the same motion, the user must remove pressure from the remaining foot on the device and stand stationary without applying pressure to the device. Once no pressure is felt by the gyros, the iSkute Balance Board will stay in a stationary position and remain there until touched.

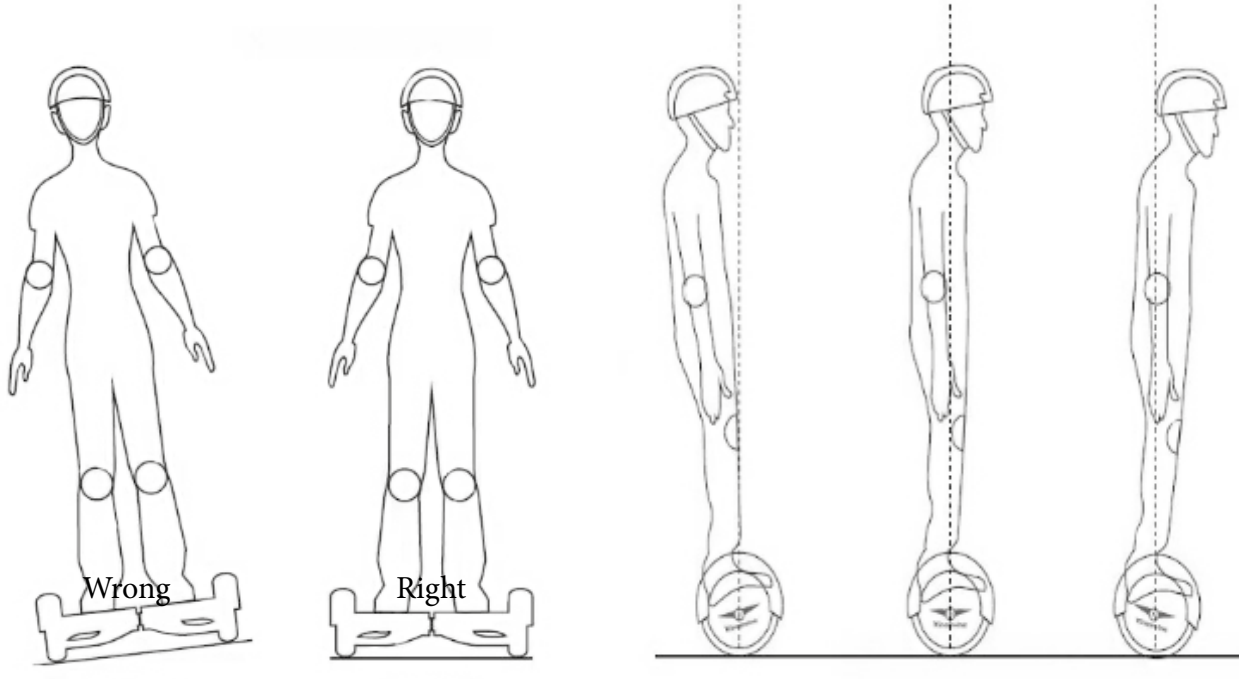




Calibrating the Gyros

From time to time you may need to calibrate the boards gyros.

1. Make sure the board is on level ground with the foot pads parallel to the floor.
2. Starting with the board turned off, press and hold power button until the lights flash (approx 6 seconds).
3. Turn off the board.
4. The board is now calibrated and ready to ride again.



⚠WARNING **DO NOT DRIVE ON TRANSVERSE SLOPES. DOING SO WILL LEAD TO ANGLE OFFSET AND IMPACT RIDING SAFETY.**

2.2 iSkute Balance Board Protection Function

- Whilst the device is functioning, if the system experiences errors or irregularities, the software prompts riders to react in different ways. If the device stops, an alarm light will sound, an intermittent buzzer will occur, and the system cannot enter balance mode.
- Why the iSkute Balance Board may experience irregularities:
  1. The platform (forward or backwards) is more than 10 degrees in angle motion.
  2. Battery voltage is too low or not fully charged.
  3. Riding on warped platforms - this is prohibited.
  4. Speeding (breaching correct speed limit).
  5. Battery may be loose.
  6. iSkute Balance Board body rocking back and forth for more than 30 seconds without substantial propelling movement.
  7. System goes into protection mode, alarm light being on, buzzer sounding at high rate.
  8. Platform is not in correct stopping position when trying to stop.
  9. Device will shut down if wheel becomes locked/stuck for 2 seconds or more to avoid burning out.
  10. The battery voltage is lower than protection value.
  11. Continued use over steep gradient may result in overheating and cause the unit to shut down.

If the platform lights are red and not green, this means that the device is low on battery or entering safety mode. Step off of the iSkute Balance Board if this occurs and charge device accordingly. If beeping occurs, that is the device telling the user that it is low on battery. Do not use the device for more than 3 minutes following the beginning of buzzer beeping. If one exceeds this rule, the device may become faulty and shut down completely while user is still on it. This is very dangerous and can cause harm. Please avoid this by removing oneself from board following indication of red light or beeping.

When the iSkute Balance Board is running low, the system will automatically lock the machine. Pressing the power button will unlock the device. When the battery has been depleted please refrain from using the device. If riding on the iSkute Balance Board occurs when the battery is depleted, the device's balance could malfunction due to lack of power, in this case the rider should not use the device until it is fully re-charged. If the battery reaches a minimum, continuing to use the iSkute Balance Board will affect the service life of the Lithium ION batteries inside the unit.

2.3 iSkute Balance Board Riding Practice

1. When using the device outdoors, for your safety, please ensure that instructions are followed carefully. By following the safety instructions, you can remain safe whilst having fun on the device.
2. Please wear comfortable casual sportswear along with flat shoes to maximize stability.
3. Please practice in open space on the iSkute Balance Board until user can easily get on the device and move forwards, backward, turn, stop, and get off of the platform safely and carefully.
4. Attention should be paid to the ground making sure it is level at 180 degrees.
5. When driving on unfamiliar terrain, slow down and learn how to handle the device on certain terrain before attempting to accelerate at full speed. Do not let the iSkute Balance Board leave the ground i.e. do not go off stairs or jumps.
6. The device is designed to work for the use of supplementary means of transport.
7. If a non-skilled user is riding, please avoid danger by avoiding pedestrians or obstacles in the area. When passing through doors, direct iSkute Balance Board to centre of door and decrease speed.

3. Riding Safety Instructions

This section highlights a few safety tips as well as warning statements. In order to ensure that one can safely ride the iSkute Balance Board, please be sure to read the operation instruction handbook and comply with the relevant safety instructions. Understanding of these safety issues can improve rider's safety and pleasure when using iSkute Balance Board.

- Under no circumstances whilst using the iSkute Balance Board should one attempt to lose control, collide, or fall. This will cause harm to riders and others. In order to avoid damage, you must carefully read the manual and refer to instructions in the manual. Please ensure that the product is in good condition with charge and carefully read the manual to familiarize yourself with the company and products.
- When you learn to use the iSkute Balance Board, please make sure that complete safety measures are followed: wearing a helmet, knee pads, elbow pads, safety gear, etc.
- iSkute Balance Boards are intended only for personal entertainment, it is prohibited to use as public transportation.
- iSkute Balance Board are strictly prohibited with motor vehicles. This will cause harm and damage.
- Children should not be less than 20 kg (44 lbs) weight while riding. Children should also be supervised by adults when riding.
- We strongly do not recommend that pregnant women and people with disabilities ride this product.
- Please comply with local traffic laws when riding a iSkute Balance Board and be careful of pedestrians when in highly populated areas such as cities.

- Please make sure that the front of the iSkute Balance Board is not blocked nor within a 3 foot range of items. Keep good vision to ensure safety while on the board.
- While riding, relax legs, bend knees slightly and use your arms to aid balance.
- Make sure the sole of the rider's feet are on the platform mat at all times.
- iSkute Balance Board can only be used by one person at a time.
- No more than the suggested weight limit is allowed on the platform. If a user and their belongings weigh over the limit, the user must remove heavy objects from their person before stepping onto platform.
- Only ride at a speed that you feel comfortable stopping at. If a rider is going too fast and needs to get off, they should step with both feet on the ground and remove weight from the platform safely. Products can be replaced with ease, health cannot.
- Keep 3 metre distance at minimum from other riders to avoid collision.
- You are taller when riding an iSkute Balance Board! Please pay attention to safety.
- Do not ride in wet terrain.
- Do not ride long distances backwards.
- Do not ride at excessive speeds.
- Do not turn at uncomfortable angles.
- Avoid distractions when using this device, such as answering the phone or texting. Avoid listening to music or engaging in other hands-on activities. This can offset balance and cause harm to riders.
- Do not use the iSkute Balance Board in dim or dark conditions as this may increase risk of accident.
- Avoid surfaces such as ice and snow as well as extensively wet surfaces.
- Avoid riding with an obstacle in a narrow space.
- If there are any areas where users must be granted permission to ride, make sure you have permission before riding the device in those specified zones.
- Please do not start or stop suddenly.
- Avoid riding on a steep slope uphill or downhill.
- Do not ride in prohibited environments - these are around flammable gas, steam, liquid, dust, or fibre and other materials that may cause harm.
- **RIDE WITH CAUTION AND MAKE SURE THAT YOU ARE SAFE AND RIDERS ALWAYS HAVE CORRECT PROTECTION ON BEFORE STEPPING FOOT ON THE DEVICE. RIDERS MUST HAVE A HELMET AND HAND/ELBOW PADS ON.**

4. Charging and Maintenance of Batteries

- In order to maintain longevity of the battery, please follow instructions carefully.

4.1 Lack of Battery

- When the power indicator light is red and flashing, the device is in need of charge. Failure to charge will cause the device to eventually shut down. If you insist on riding when device is low in charge (red light and beeping is sounded), damage is likely to occur. This can impact the service life of the batteries.
- If you develop any of the following, do not use the battery or the unit and contact an iSkute Balance Board representative.
  1. Smell is emitted from battery or high temperature is occurring within the device.
  2. Leak of material from device.
- Battery removal and replacement is limited to the iSkute Balance Board Staff and it is advised that consumers do not dismantle the device in attempt to fix it.
- Do not touch the battery leaking if one appears.
- Avoid children near any leakage or battery issue.
- The batteries contain dangerous substances, do not open the battery, do not insert any material into the battery or body of the device.
- Fixing of the device is limited to the iSkute Balance Board staff.
- Battery use is only available with permission of local laws.

4.2 The Charging Setup

- To ensure safety, make sure charging mouth is completely dry.
- Insert one end of the charger to the mains (100 - 240V; 50-60 Hz), confirm charge by seeing green light on charge box. Plug directed side into wall and other side into iSkute Balance Board to charge.
- Charging generally takes 120-155 minutes from 0-100%. This will leave a user with approximately 2.5 hours of use.
- The red light indicator on the charger signifies the board is charging normaly, if not visable please check the circuit connection.
- When the indicator light on the charger changes from red to green, the device is fully charged. At this time, please stop charging; charging for an extended period will affect the service life of the battery in the long term.
- Pay attention to use of standard plug.
- Keep charge environment clean and ensure that there is no moisture or water within the charge head prior to plug-in.

4.3 Temperature Too High or Too Low

- Before charging, the charging temperature must be within the recommended temperature bracket, close to the recommended temperature, or exactly it. The charging efficiency is highest in perfect conditions. If extreme cold climate or hot climate occurs, charging time will be lengthened or cannot be fully charged.

4.4 Detailed Parameters of Battery

Item	Parameter
The battery type	The lithium battery
Charging time	2 or 3 hours
Voltage	36v
Initial capacity	4.4AH
Working Temperature	-15°C to 50°C
Charging Temperature	0 - 40°C
Storage time (~ 20°C and 25°C)	12 months
Stored relative humidity	5% - 95%

4.5 Matters Needing Attention When Shipping Battery

⚠WARNING LITHIUM BATTERY IS CONSIDERED TO BE DANGEROUS GOODS, ONE MUST GET LOCAL LAWS ALLOWING THEM TO TRANSPORT BATTERY.

NOTE: If you need to load the two-wheel intelligence of lithium-ion batteries please contact the companies designated agents.

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